

MARINE INFORMATION

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page (www.nga.mil). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below:

11411	15 th Ed. Sep 2004 NEW EDITION FL-TAMPA BAY TO PORT RICHEY (New edition due to numerous Notice to Mariners changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
13211	14 th Ed. Sep 2004 NEW EDITION CT-NORTH SHORE OF LONG ISLAND SOUND (New edition due to numerous Notice to Mariners and change in format.)	NAD 83	NOS Silver Spring, MD) 1:20,000
13323	8 th Ed. Sep 2004 NEW EDITION ME-BAR HARBOR-MOUNT DESERT ISLAND (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
16123	8 th Ed. Sep 2004 NEW EDITION AK-ARCTIC COAST-POINT HOPE TO CAPE DYER (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:50,000
16599	7 th Ed. Sep 2004 NEW EDITION AK-SOUTH COAST-KODIAK ISLAND BAYS AND ANCHORAGE (New edition due to new hydrography and change in format.)	NAD 83	(NOS Silver Spring, MD) 1:20,000
16701	20 th Ed. Sep 2004 NEW EDITION AK-SOUTH COAST-PRINCE WILLIAM SOUND-WESTERN ENTRANCE (New edition due to new hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:81,436
16707	11 th Ed. Sep 2004 NEW EDITION AK-PRINCE WILLIAM SOUND-VALDEZ ARM AND PORT VALDEZ INSETS: Valdez Narrows Valdez and Valdez Marine Terminal (New edition due to numerous Notice to Mariners and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000 1:20,000 1:10,000

18659 15th Ed. Sep 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD)
 CA-SUISUN BAY-MALLARD ISLAND TO ANTIOCH 1:80,000/LORAN-C
 (New edition due to numerous Notice to Mariner changes.)

18757 11th Ed. Sep 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD)
 CA-SANTA CATALINA ISLAND 1:40,000
 (New edition due to numerous Notice to Mariner changes and change in format.)

NEW TRAFFIC SEPARATION SCHEMES AND ASSOCIATED ROUTEING MEASURES

NEW TRAFFIC SEPARATION SCHEME OFF RA'S AL KUH

Affected NGA Charts: 62392, 62360, 62361, 62510, 62512, 62480, 62032, 62033, 62028
 Affected DNC Libraries: COA10L

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

The new traffic separation scheme (TSS) off Ra's al Kuh consists of:

- Two traffic lanes 2 miles wide;
- One intermediate traffic separation zone 2 miles wide;
- One associated inshore zone.

The direction of the navigation is:

- TSS inner traffic lane: 320°(T) inbound course and 330°(T) outbound course towards the Strait of Hormuz; and
- TSS outer traffic lane: 150°(T) inbound and 140°(T) outbound course towards the Gulf of Oman.

Description of the new traffic separation scheme off Ra's al Kuh:

(a) Outer traffic separation line bounded by a line connecting the following geographical positions:

- (1) 25° 45.50' N 057° 03.30' E
- (2) 25° 39.60' N 057° 07.10' E
- (3) 25° 34.05' N 057° 12.00' E

(b) Traffic separation zone bounded by a line connecting the following geographical positions:

- (4) 25° 47.50' N 057° 07.20' E
- (5) 25° 42.25' N 057° 10.55' E
- (6) 25° 36.65' N 057° 15.55' E
- (7) 25° 35.30' N 057° 13.80' E
- (8) 25° 40.90' N 057° 08.80' E
- (9) 25° 46.50' N 057° 05.30' E

(c) The limits of the inshore traffic zone along the coastline lies between the following geographical positions:

- (10) 25° 48.45' N 057° 09.15' E
- (11) 25° 43.55' N 057° 12.25' E
- (12) 25° 39.30' N 057° 19.10' E
- (13) 25° 52.50' N 057° 17.30' E
- (14) 25° 45.30' N 057° 26.70' E

(d) An outer traffic lane for southeast-bound shipping established between the separation zones described in (a) and (b).

(e) An inner traffic lane for northwest-bound shipping established between the traffic separation zone described in (b) and the associated inshore traffic zone described in (c).

NEW TRAFFIC SEPARATION SCHEME FOR THE APPROACHES TO THE PORT OF RA'S AL KHAFJI

Affected NGA Charts: 62448, 62451, 62580, 62560, 62570, 62540, 62541, 62490, 62032, 62033
 Affected DNC Libraries: H1048346, A1048346, COA10N

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

The new traffic separation scheme for the Ra's Al Khafji approaches will consist of:

- Two traffic lanes and one traffic separation zone between them.

The direction of navigation will be:

- inbound traffic lane, 270°(T) from the seaward limit of the scheme to the turning point 5 miles NNW of the Umm al Gharabi shoal, thence 210°(T) to the southern limit of the scheme immediately north of the tanker anchorage;
- outbound traffic lane, 030°(T) as far as the turning point 3.5 miles NNW of the Umm al Gharabi shoal, thence between 090°(T) and 093°(T) to the seaward limit of the scheme.

Description of the new traffic separation scheme for Ra's Al Khafji approaches:

- (a) A separation zone bounded by a line connecting the following geographical positions:
- (1) 28° 38' 24" N 049° 07' 00" E
 - (2) 28° 38' 24" N 048° 45' 50" E
 - (3) 28° 30' 18" N 048° 40' 40" E
 - (4) 28° 30' 04" N 048° 41' 07" E
 - (5) 28° 38' 12" N 048° 46' 18" E
 - (6) 28° 38' 12" N 049° 07' 00" E
- (b) A traffic lane for inbound traffic between the separation zone and the following geographical positions:
- (7) 28° 39' 24" N 049° 07' 00" E
 - (8) 28° 39' 24" N 048° 45' 02" E
 - (9) 28° 30' 49" N 048° 39' 35" E
- (c) A traffic lane for outbound traffic between the separation zone and the following geographical positions:
- (10) 28° 29' 36" N 048° 42' 03" E
 - (11) 28° 37' 10" N 048° 46' 54" E
 - (12) 28° 36' 06" N 049° 07' 00" E

**NEW TRAFFIC SEPARATION SCHEMES IN THE ADRIATIC SEA
IN THE NORTH ADRIATIC SEA – EASTERN PART**

Affected NGA Charts: 54180, 54140, 54115, 54125

Affected NGA Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

(a) 44° 05.90' N 014° 03.97' E	(c) 44° 55.30' N 013° 21.17' E
(b) 44° 06.70' N 014° 05.77' E	(d) 44° 54.80' N 013° 19.57' E
 2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 44° 08.20' N 014° 08.77' E	(b) 44° 56.90' N 013° 24.67' E
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 3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 44° 04.40' N 014° 00.97' E	(b) 44° 53.20' N 013° 16.17' E
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- The established directions of traffic flow are: 327°-147°

IN THE NORTH ADRIATIC SEA – WESTERN PART

Affected NGA Charts: 54180, 54140, 54120, 54115, 54125, 54131

Affected DNC Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

(a) 43° 58.30' N 013° 52.47' E	(d) 44° 44.50' N 012° 55.67' E
(b) 44° 00.80' N 013° 54.97' E	(e) 44° 43.80' N 012° 53.50' E
(c) 44° 28.00' N 013° 06.77' E	(f) 44° 26.00' N 013° 03.47' E
2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 44° 02.80' N 013° 57.37' E	(c) 44° 45.40' N 012° 59.40' E
(b) 44° 30.50' N 013° 08.47' E	
3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geo-

graphical positions:

- (a) 43° 55.80' N 013° 49.97' E (c) 44° 43.10' N 012° 50.20' E
(b) 44° 23.50' N 013° 00.97' E

The established directions of traffic flow are: 308° - 128°
336° - 159°

PRECAUTIONARY AREA AT THE SOUTHERN LIMITS OF THE TRAFFIC SEPARATION SCHEME

Description of the precautionary area

Precautionary area is established by a line connecting the following geographical position:

- (a) 43° 49.65' N 014° 01.18' E (f) 44° 04.40' N 014° 00.97' E
(b) 43° 59.85' N 014° 16.61' E (g) 44° 02.80' N 013° 57.37' E
(c) 44° 08.20' N 014° 08.77' E (h) 43° 58.30' N 013° 52.47' E
(d) 44° 06.70' N 014° 05.77' E (i) 44° 00.80' N 013° 54.97' E
(e) 44° 05.90' N 014° 03.97' E (j) 43° 55.80' N 013° 49.97' E

APPROACHES TO GULF OF TRIESTE

Affected NGA Charts: 54169, 54125, 54131
Affected DNC Libraries: A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- (a) 45° 08.60' N 013° 06.47' E (c) 45° 23.20' N 013° 06.47' E
(b) 45° 09.40' N 013° 10.97' E (d) 45° 21.50' N 013° 02.57' E

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- (a) 45° 10.50' N 013° 17.17' E (b) 45° 22.50' N 013° 13.27' E

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

- (a) 45° 07.50' N 013° 00.37' E (b) 45° 19.00' N 012° 56.87' E

The established directions of traffic flow are: 347° - 167°

APPROACHES TO GULF OF VENICE

Affected NGA Charts: 54161, 54140, 54125, 54131
Affected DNC Libraries: A0940760, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- (a) 44° 55.30' N 012° 43.97' E (c) 45° 12.70' N 012° 35.97' E
(b) 44° 56.80' N 012° 47.97' E (d) 45° 11.30' N 012° 31.97' E

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- (a) 44° 57.50' N 012° 50.47' E (b) 45° 13.60' N 012° 38.77' E

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

- (a) 44° 54.20' N 012° 41.47' E (b) 45° 10.40' N 012° 29.47' E

The established directions of traffic flow are: 333° - 153°

IN THE GULF OF TRIESTE

Affected NGA Charts: 54169, 54125, 54131
 Affected DNC Libraries: A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

(a) 45° 31.34' N 013° 20.90' E	(c) 45° 36.97' N 013° 32.83' E
(b) 45° 35.48' N 013° 32.62' E	(d) 45° 32.84' N 013° 20.00' E
 2. A traffic lane for north-east-bound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 45° 29.30' N 013° 22.10' E	(b) 45° 34.24' N 013° 32.20' E
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 3. A traffic lane for south-west-bound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 45° 34.74' N 013° 18.90' E	(b) 45° 38.74' N 013° 32.80' E
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- The established directions of traffic flow are: 058° - 248°

APPROACHES TO/FROM KOPER

Affected NGA Charts: 54168, 54169, 54125, 54131
 Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

(a) 45° 35.24' N 013° 35.00' E	(c) 45° 36.44' N 013° 37.50' E
(b) 45° 35.04' N 013° 39.50' E	
 2. A traffic lane for eastbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 45° 34.24' N 013° 35.00' E	(b) 45° 33.94' N 013° 39.40' E
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 3. A traffic lane for northwestbound traffic is established between the separation zone as defined in Paragraph 21 and a separation zone connecting the following geographical positions:

(a) 45° 36.34' N 013° 39.70' E	(c) 45° 36.34' N 013° 41.80' E
(b) 45° 35.44' N 013° 41.00' E	
- The established directions of traffic flow are: 094° - 315°

APPROACHES TO/FROM MONFALCONE

Affected NGA Charts: 54168, 54169, 54125, 54131
 Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

1. A separation zone is bounded by a line connecting the following geographical positions:

(a) 45° 40.34' N 013° 38.00' E	(c) 45° 42.74' N 013° 37.30' E
(b) 45° 40.34' N 013° 37.30' E	(d) 45° 42.74' N 013° 38.00' E
 2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 45° 40.34' N 013° 38.65' E	(b) 45° 42.74' N 013° 38.65' E
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 3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

(a) 45° 42.74' N 013° 36.50' E	(b) 45° 40.34' N 013° 36.50' E
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- The established directions of traffic flow are: 000° - 180°

PRECAUTIONARY AREA IN THE GULF OF TRIESTE

Affected NGA Charts: 54168, 54169, 54125, 54131
 Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the precautionary area

A precautionary area is established by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 45° 34.24' N 013° 32.20' E | (e) 45° 36.44' N 013° 37.50' E |
| (b) 45° 35.48' N 013° 32.62' E | (f) 45° 35.24' N 013° 35.00' E |
| (c) 45° 36.97' N 013° 32.83' E | (g) 45° 34.24' N 013° 35.00' E |
| (d) 45° 38.74' N 013° 32.80' E | |

AREA TO BE AVOIDED IN THE NORTH ADRIATIC SEA

Affected NGA Charts: 54140, 54115, 54125, 54180, 54131
 Affected DNC Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the area to be avoided

In order to avoid the risk of pollution due to damage of oil rigs, oil and gas pipelines in this area the area described below should be avoided by ships of more than 200 gross tonnage. The area to be avoided is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 13.50' N 013° 38.67' E | (e) 44° 41.90' N 013° 24.97' E |
| (b) 44° 17.00' N 013° 43.77' E | (f) 44° 52.00' N 013° 17.07' E |
| (c) 44° 25.30' N 013° 37.47' E | (g) 44° 52.00' N 013° 05.77' E |
| (d) 44° 34.50' N 013° 25.47' E | (h) 44° 30.50' N 013° 08.47' E |

OTHER ROUTEING MEASURES**RECOMMENDED DIRECTIONS OF TRAFFIC FLOW IN THE CHANNEL OF TORANTO, SOUTHERN AND CENTRAL ADRIATIC SEA**

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the recommended directions of traffic flow

1. Recommended directions of traffic flow, which should remain as in the present, are established between the parallels of latitudes:

- | | |
|------------------|------------------|
| (a) 40° 25.00' N | (b) 43° 10.01' N |
|------------------|------------------|

2. Recommended directions of traffic flow, which should be in accordance with the description as per chart in appendix 1 of document NAV 49/3/7, are established between the parallel of latitude:

- | |
|------------------|
| (a) 43° 10.01' N |
|------------------|

and the precautionary area at the southern limits of the traffic separation scheme.